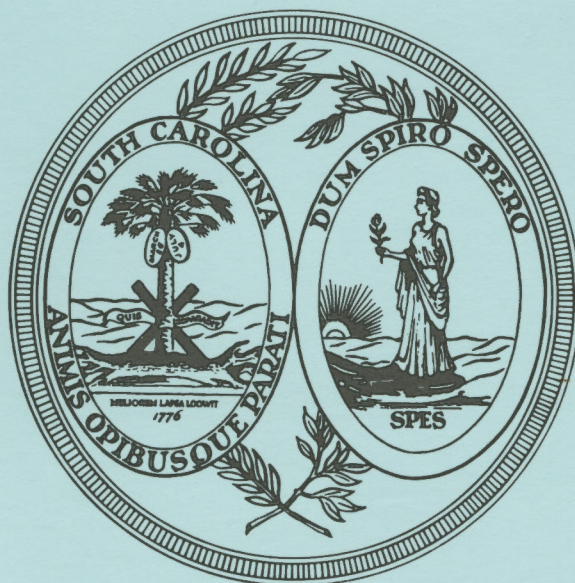


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MEDICAL UNIVERSITY OF SOUTH CAROLINA



ANNUAL REPORT 1993-1994

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Dear Governor Campbell and Members of the General Assembly:

As we assess this past fiscal year and finalize plans for fiscal year 1994-95, we can all take pride in the progress we have made while adjusting to the many challenges of health-care reform.

Our students continue to be of the highest caliber, applicants for admission to our various colleges are the highest number in history; our graduates continue to place in prestigious residencies; and their employment opportunities remain ample.

Research awards have increased dramatically, with a 40 percent growth in funding for this year alone, totaling \$54 million.

Construction was started on the \$30 million Strom Thurmond Biomedical Research Facility and Gazes Cardiac Research Institute to provide needed research space.

This year we have had to restructure part of the institution in an effort to address health care reform. We are now more efficient in the delivery of patient care and will become -- through process improvement -- even more so in the months and years ahead. While reducing our cost in delivering patient care, we will diligently guard against a total focus on the financial bottom line. While this is an important aspect of our organization, and one that we will satisfactorily manage, we must not lose sight of our primary mission -- education of health professionals, discovery of new knowledge, and providing the best in health care delivery. We are dedicated to meeting this noble mission with compassion and caring.

Attached for your review is a copy of our broad University priorities for fiscal year '94-'95, as well as a detailed listing of the past year's accomplishments.

James B. Edwards, D.M.D.
President

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W. Marcus Newberry, Jr., B.A., M.D.
Vice President for Academic Affairs and Provost

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Vice President for Finance and Administration (9/94)

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Dean, College of Medicine

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Dean, College of Dental Medicine

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Dean, College of Graduate Studies

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Dean, College of Pharmacy

John F. Johnson, B.A., M.S., Ph.D.
Dean, College of Health Professions

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Vice President for Finance and Administration (9/94)

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Chief Executive Officer of the Medical Center (5/94)

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Dean, College of Pharmacy

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Dean, College of Health Professions

Joan Creasia, B.S.N., M.S.N., Ph.D.
Interim Dean, College of Nursing (9/94)

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UNIVERSITY PRIORITIES

Education

Quickly adjust academic programming, as necessary, to reflect ongoing changes in health-care delivery.

Review and determine feasibility of joint Masters-level programs with other higher educational institutions in Trident area. Cooperate with Charleston Naval Base Reuse Higher Education Consortium to assist individuals seeking assistance in education and training as a result of base closure.

Continue to support and develop diversity among our student body and faculty — specifically, increase African-American representation in both areas.

Patient Care

Continue implementation of the Medical Center's change management program to include development of continuous quality improvement teams that will identify process-related cost savings opportunities across the organization and maintain the highest quality of care.

Continue to develop and implement plans for MUSC's membership in an integrated health-care delivery system.

Continue to establish primary care as a major component of clinical services.

Continue to develop a joint program with the Department of Health and Environmental Control for the provision of home-care services to patients.

Continue the strategic planning for the Medical Center in concert with the other six University colleges.

Research

Continue to increase extramural research support at same rate as past three years.

Complete study of laboratory needs and feasibility of Research Building II.

Develop research focus in health-services research.

Implement course in science ethics for all postdoctoral research fellows.

Begin the "Equal Partners" Department of Energy-funded study.

Institutional Support

Develop process to appropriately manage operational cash flow.

Increase Health Sciences Foundation total assets to \$55 million.

Capital Projects

Complete construction of the center for Drug and Alcohol Programs

Maintain project time schedule for the Strom Thurmond Biomedical Research Facility and the Gazes Cardiac Research Institute.

Bid Storm Eye Institute project.

ACADEMIC ACHIEVEMENTS

College of Graduate Studies

Obtained Commission on Higher Education approval for M.S. degree in Environmental Studies.

Matriculated class of 58 graduate students, including six new M.D./Ph.D. candidates.

Graduated 34 students, largest number of candidates to date.

Developed 14 new graduate courses to accommodate necessary alterations in the curriculum for changing emphasis in the biomedical sciences.

Recruited and funded, mainly through extramural sources, 73 summer research students.

Increased extramural funding for research training by 26 percent.

College of Medicine

Dr. Peter J. Fischinger was appointed director of the Hollings Cancer Center.

Provided education to 548 medical students, graduating 119.

Counseled fourth-year students on residency choices for a successful match of all 119 graduating seniors.

Matriculated freshman class with an average GPA of 3.40 and an MCAT of 27.

More than \$100,000 in scholarships were awarded; four James B. Edwards full-support scholarships have been awarded to date.

MUSC departmental review process attracted national attention with the Association of American Medical Colleges requesting that MUSC develop a status report on departmental reviews among the 126 United States medical schools.

Research expenditures for 1994 totaled \$24.6 million, an increase of 18 percent over fiscal year 1993.

Research expenditures placed the College 61st in the total of 126 medical schools, an improvement of 10 positions over the past two years.

Research awards exceeded \$33.7 million, an increase of 14 percent.

The S.C. Family Practice Research Consortium received \$24,000 from the American Academy of Family Physicians Foundation to fund research projects on primary-care related jobs.

College of Dental Medicine

Appointed Richard W. DeChamplain, D.M.D., as Dean.

Provided education to 208 students, graduating 47 dental students and 11 postgraduate students (26 have been accepted into postgraduate training programs).

Faculty published 44 professional articles and made 124 presentations to professional organizations.

Faculty received \$395,563 in research funds from government grants and private industry.

Provided continuing education to practicing dentists through 96 programs, which drew 4,400 participants.

Clinics provided dental treatment to 6,794 patients on 31,696 separate visits, and registered 4,036 new patients.

College of Pharmacy

Appointed Johnnie L. Early, II, Ph.D., as Dean.

100 percent of students passed National Association of Board of Pharmacy Licensure Examination.

Enrolled 70 B.S., 20 Pharm.D., and two Ph.D. students.

Graduated 70 B.S., 20 Pharm.D. (12 accepted residencies), and three Ph.D. students.

Applicants accepted for all programs had higher credentials than previous years.

Accepted six minority students, an increase from 1992-93.

Graduated 18 Pharm.D. students from the residency programs.

Graduated two hospital pharmacy fellows, with one choosing a faculty position.

Established a computer laboratory and provided audiovisual equipment.

Implemented a non-traditional, elective community pharmacy experience, offering home infusion therapy, pharmaceutical sales, drug enforcement, nursing home consulting, and durable medical equipment.

Established a post-Pharm.D. residency in managed care through funding support of Healthsource, Inc.

Furthered alumni relationships through meetings in Atlanta, Dallas, Texas, and Seattle.

Achieved a 40-percent increase in the number of continuing education programs sponsored/co-sponsored, and a 55-percent increase in the number of learners.

The Pharmaceutical Development Center was recognized in *Fortune* magazine as one of only two such centers at U.S. universities.

College of Nursing

151 students graduated from the B.S.N. program, and 55 students received an M.S. degree in Nursing.

Passage rates on National Council Licensure Examination were 96 percent and 97 percent (seven percent over national average), with the rate on National Certification Examination for Nurse Midwifery attaining 100 percent.

Continued increases in applicants' qualifications (entering mean Fall SAT scores for undergraduates of 1,045, GPA 3.28).

Received funding from U. S. Department of Health and Human Services Division of Nursing to begin Neonatal Nurse Practitioner Program.

Initiated Ph.D. in nursing program in collaboration with the University of South Carolina.

Continuing Education Department received six years national accreditation as a provider of continuing nursing education.

1,154 health-care providers enrolled in continuing education offerings with six conferences presented for interdisciplinary health-care audiences.

Significant progress made in procuring major gifts, planned gifts, and endowments — enabling current annual award of \$58,000 in student scholarships.

Received external funding for seven grants totaling \$700,637.

Provided more than 10,000 ambulatory-care visits.

Organized four immunization carnivals (immunizing more than 175 children and providing educational programs for 944 adults and children).

Initiated a pediatric nurse practice school health clinic to meet community needs.

College of Health Professions

With the South Carolina Hospital Association, developed an innovative program to expand number of students admitted to the Physical Therapy Program (students selected from MUSC's applicant pool and matched with hospitals that agreed to provide costs of education in turn for two years of physical therapy service by the students).

After a national search, appointed program director and medical director for the new Physician's Assistant Program (with 22 students accepted into this two-year baccalaureate program for Fall 1994).
Increased generated revenue by 12.1 percent over 1992-93.

In collaboration with the South Carolina Vocational Rehabilitation Department, and funded by the National Institute on Disability and Rehabilitation Research, established Lowcountry Assistive Technology Center to enhance independent functioning of persons with disabilities.

Participated with the Department of Marine Biomedicine in development of the "Integrated Curriculum Project" at the Charleston Naval Base — a successful contract with the Navy providing training in environmental engineering and risk management to engineers at the base.

Department of Educational Services

Expanded the Educational Technology Laboratory (to design and develop computer-based multimedia educational programs).

Continued to work with College of Medicine to plan and implement new parallel curriculum, a problem-based curriculum targeted to begin Fall 1994.

Received more than \$220,000 in grant funding to support special projects on the Health Communications Network.

Consulted with approximately 60 faculty members on education or evaluation projects.

Planned and began operation of the Clinical Evaluation Center for use by courses in all colleges.

Library/Learning Resource Centers

Installed new DEC-station minicomputer for support of the Library System and its data bases.

Expanded present resources on the Library's information system, including increased access throughout the campus as well as improved response with addition of data bases expected by Fall.

Coastnet access expanded so MUSC patrons may dial into the local library catalogs of the Charleston Academic Libraries Consortium, as well as access to several non-primary, but complementary, data bases.

Hosted MEDLARS (NLM data bases) Update regional training for on-line search analysts as well as a two-day seminar on the use of ADAM, an electronic computer-based anatomy system for faculty development and student education.

Completed the Library internal networks staff to staff, staff to MUSCLS, Gopher information system, and Internet.

Considerably upgraded the Biomolecular Computing Resource computer capabilities for support of molecular modeling and sequencing.

Several grants with Library personnel as Principle Investigators or Co-investigators were submitted, with three funded or continued.

"Technology Today, Environmental Sciences as a Career Path: An Interactive Computer-Based Product to Encourage Careers in Engineering and Science" was funded by South Carolina Universities Research and Education Foundation in 1993-94 for \$135,000 (renewed for 1994-95 at \$135,000).

Participated in the Environmental Hazards Assessment Program Task #1 (Information System) with data base provision, collection development, and a sub-contract for the construction of an access "front-end" in conjunction with the Coleman Research Corporation.

Recruited an environmental sciences librarian to serve in the Library's reference department and as liaison to the Environmental Hazards Assessment Program.

Waring Library

"Topics in the History of the Health Sciences," a series of 15 lectures, was continued and enthusiastically accepted for the second time during Spring 1994.

Waring Library Society lectures included: the fifth annual Sawyer lecture, "The Oslerian Tradition or Osler's Textbook Re-revisited," by Charles S. Bryan, M.D., chairman of the Department of Medicine and the Heyward Gibbes Distinguished Professor of Internal Medicine, University of South Carolina School of Medicine; and the 16th annual meeting lecture, "Genuine Southern Surgeons," by John Ochsner, M.D., chairman emeritus of the Department of Surgery and chief, Thoracic-Cardiovascular Surgery at the Ochsner Clinic, New Orleans.

Office of Enrollment Services

Degrees Conferred in 1993 include 384 Bachelors, 186 First Professional, 146 Masters, and 16 Ph.D.s.

More than 550 prospective student applicants hosted on campus in a November open house.

New 1994-96 Bulletin prepared, plus a new simplified enrollment prospectus aimed at potential applicants.

Guidelines (according to federal regulations regarding accommodation) introduced for admission and enrollment of disabled persons.

Created a library of enrollment data files to permit faster and easier preparation of special reports.

Began implementation of new student system software integrating essential functions in applications, admissions, financial aid, student accounting, registrar, and facilities utilizations.

Student Life

Phase IIB of the Student Wellness Center and the Student Life Center cafeteria opened.

Dr. Darlene Shaw was named associate dean of student life.

Awarded \$681,460 grant to provide worksite wellness programs at the Westinghouse Savannah River Company.

Counseling and Psychological Services continued to be provided.

Financial Aid Services provided in excess of \$13 million in financial assistance to 1,224 students while maintaining one of the lowest default rates in the nation.

Student Health Services attained 100 percent compliance on pre-matriculation requirements for incoming students, and office hours extended to accommodate needs of students during lunch hours.

Student Programs and Activities promoted and managed 56 social, cultural, recreational, and service programs (with total attendance of 10,657 students and guests).

Published and distributed the following resources/publications for students: 1993 Summer Student Tip Sheet, Summer Student Telephone Directory, MUSC Student Yellow Pages, 1993-94 Student Handbook, 1993-94 MUSC Calendar of Events, Spring Semester Highlights, and 14 issues of Student Lifelines and Penpoints.

Wellness Center developed marketing video, established a running clinic, and was host site for the Cooper River Bridge Run Symposium and Expo, the "Dawn to Dusk" fundraiser for cancer, and Workout for Hope.

Initiated research project (involving 300 children and adolescents ages seven to 17) to measure the application of the segmental bioelectrical Impedance technique for measuring body fat from adults to children.

Pastoral Care and Education

Achieved accreditation of Clinical Pastoral Education program and inaugurated program with six intern chaplains.

Expanded in-house pastoral care coverage from 42 hours per week to more than 75 hours per week.

Provided extensive leadership toward development and implementation of St. Luke's Chapel mission statement, policies and procedures, and reservation schedules and system.

Enhanced campus awareness of spiritual, relational, and emotional values — sponsoring services for Thanksgiving and Christmas, the National Day of Prayer, and the annual Gift-of-Body Memorial Service.

Expanded contacts with community religious leaders and groups; participated in the development of a clergy visitation program at area hospitals.

RESEARCH ACHIEVEMENTS

Overall Growth and Development

Achieved an annual research growth of greater than 41 percent, with extramural awards exceeding \$54.2 million.

Obtained major funding in the areas of environmental risk assessment, hypertension, and drug abuse therapy.

Implemented University research information system offering campus-wide access to awards and proposals submitted.

Conducted Student Research Day where 129 original research papers were given in oral or poster form by students from all six colleges.

CENTER FOR THE STUDY OF AGING

Included geriatrics in activities of the Summer Health Coalition.

Extended the concepts of "raising our own" geriatrics faculty and "Travel-to-Learn" to a statewide basis for purpose of establishing a network of trained faculty with common base of understanding for future collaborative teaching and research in geriatrics and gerontology.

Brookdale Foundation grant received to develop and implement educational model to disseminate information about Alzheimer's disease to rural African-American populations and to train "natural helpers" in providing information and outreach to family caregivers of Alzheimer's disease victims.

Continued work of the Geriatrics Education and Management Program.

ENVIRONMENTAL HAZARDS ASSESSMENT PROGRAM

Initiated and continued research in areas of risk communication and risk perception, focusing on the role of medical practitioners in environmental health issues.

Sponsored and produced 12 Crossroads of Humanity roundtable forums and workshops on environmental issues.

Developed a production, broadcast, and distribution strategy with South Carolina Educational Television for the Crossroads series.

Developed productive relationships with relevant organizations, institutions and laboratories, including the South Carolina Department of Health and Environmental Control, the Agency for Toxic Substances & Disease Registry, the Center for the New West in Denver, the Harmony Institute in Charleston, the Children's Health Network in California, and the Idaho National Engineering Laboratory.

Developed Partnerships with Tulane and Xavier universities in Louisiana and the Idaho National Engineering Laboratories.

Refined and developed a data base of individuals, corporations, and organizations with interests in environmental cleanup and management issues (currently contains more than 3,000 entries, including 600 experts in environment-related fields).

Provided for national distribution of a series of video tapes ("Environmental Health for Physicians") that are the only available materials for physician education pursuant to environmental health.

Formed an Environmental Medicine Curriculum Committee of faculty from the seven Statewide Family Practice Residency programs and developed five core curriculum modules for teaching environmental and occupational medicine to Family Medicine residents.

Developed and offered courses in environmental biology and environmental risk assessment and presented an international symposium on environmental immunogenetics.

Developed programs of research into areas of immunotoxicity, chemical toxicology, and models of risk assessment.

CENTER FOR DRUG AND ALCOHOL PROGRAMS

Total faculty grant funding for fiscal year 1993-94 was \$2.7 million — of this amount, new grants totaled \$2.1 million.

Expanded programs relating to women and specific substance abuse issues, i.e., pregnancy and cocaine abuse; depressed women and substance abuse; self-esteem and substance abuse; and the co-existence of other psychiatric conditions, including depression and anxiety, with substance abuse.

CLINICAL ACHIEVEMENTS

MUSC Medical Center

Change management program resulted in recommendations and subsequent reorganization.

Increased medical/surgical/pediatric/psychiatric admissions at a rate of five percent, with outpatient visits increasing 15 percent.

Performed the first lung transplant in South Carolina.

Received three-year accreditation from the Joint Commission on Accreditation of Health-care Organizations.

Second biennial edition of "Best Doctors In America" named 36 South Carolina physicians, with 35 being current or past MUSC faculty.

Opened Magnetic Resonance Imaging and CAT Scan units.

Opened new 25-bed rehabilitation unit in the main hospital.

Opened two modular operating rooms to meet the increased demand for operating room time.

Initiated strategic planning process for information technology.

Supported physician liaison group between MUSC and Roper Hospital.

Contributed to three College of Medicine extramural grant applications for rural health-care services research initiatives.

FINANCE & ADMINISTRATION ACHIEVEMENTS

Human Resources Management

Policies revised, in cooperation with other departments, to address changing needs and conditions.

New flexible performance pay plan (authorized by the State Government Accountability and Reform Act of 1993) developed and approved.

New faculty promotional increase policy formulated and adopted.

New benefit initiatives included publishing Summary of Benefits booklet; implementing retirement incentive program; and a new post-retirement insurance program.

MUSC conflict resolution program was used by the State Office of Human Resources as a model in advising other agencies.

MUSC Employee Suggestion Program had more than 200 valuable suggestions.

Approximately 70 employee training programs were conducted, offering more than 6,500 hours of instruction to 1,318 participants.

Finance

MUSC selected as a pilot institution to participate in the Federal Direct Lending Program.

Completed the Component Unit Financial Report, which was subsequently awarded the prestigious Government Finance Officers Association Certificate for Excellence in Financial Reporting.

Received a clean audit opinion for fiscal year 1992-93.

Completed the issue of \$24.5 million in Hospital Facilities Revenue Bonds.

Physical Plant

Completed construction of the Hollings Cancer Center, North Tower, and St. Luke's Chapel.

Developed and implemented campus-wide Occupational Safety & Health Agency required tuberculosis test program.

Awarded \$26 million contract for construction of the Strom Thurmond Biomedical Research Facility and the Gazes Cardiac Research Institute.

Initiated construction of the Center for Drug and Alcohol Programs, carrying the project to approximately 50 percent completion.

Completed design and engineering on 24 construction and asbestos removal projects valued at \$2.7 million, \$2.2 million of which was designed by Physical Plant staff.

Recycled approximately 40,000 pounds of cardboard and paper, and placed into operation a second cardboard baler at the Procurement Receiving Center.

Procurement

Received favorable audit opinion and increased certification levels.

Implemented and staffed a customer service section.

Established an MUSC Central Stores Office Supply Catalog.

Produced more than \$1 million in cost savings through participation in group purchasing programs.

Center for Computing and Information Technology

Continued implementation of the Oasis Clinical Data Repository and Clinical Display in three pilot units and 60 workstations, the first phase in evolution to electronic patient record.

Joined a consortium (Duke, Stanford, Columbia, Georgetown, University of Chicago, University of Massachusetts, Oasis Health-care Systems, Sun Microsystems, and Science Application International Corporation) to develop system to share clinical data focused on improved outcomes across all medical universities (awarded \$5.2 million in federal funds and initiated the planning process).

Began implementation of new Student Information System that will be the basis for sharing student information throughout MUSC.

Linked additional remote clinics to the Medical Center in expanding its ability to deliver health care to a broader population.

Began implementation of new Unix-based research computing resource.

In conjunction with the Library, implemented the MUSC Gopher Server, the first step in developing a campus-wide information system.

Began implementation of a financial reporting system focused on improving reporting of financial information to departments.

AFFIRMATIVE ACTION & MINORITY AFFAIRS

Increased minority students' applications to the University by six percent, with the Colleges of Medicine and Dental Medicine showing the greatest growth.

Provided individual tutorials to approximately 25 minority students and group tutorial to approximately 50 minority students.

Awarded 46 Graduate Incentive Fellowship awards totaling \$129,500 to students enrolled in first professional programs.

More than 225 international students participated in international student programs and activities; planned the first International Student Handbook.

Enrolled 23 students in the Health Career Opportunities Program supported through a federal grant.

From a pool of 145 applicants in the local service impact area, selected 30 participants for the federally funded 17th Summer Research Apprentice Program.

Employed 25 African-American high school students (with an expressed interest in health careers) in a summer work experience program.

Implemented an articulation arrangement with Claflin College to facilitate entry of African-American students into the physical therapy program.

Published and distributed "The Minority Guide to the Essentials for the First Year," a booklet designed to assist students' transition to the first year of professional educational at MUSC.

Along with the Student Government Association, Minority Student Union, and Student Services, established an evening tutorial program at Burke High School that served 16 students.

Sponsored an SAT Workshop conducted by the Southern Region of the College Board at no cost for approximately 350 minority and majority high school students.

Co-sponsored a sixth annual health fair with the Charleston Health Auxiliary, which provided screening for approximately 600 individuals for cholesterol, diabetes, vision, prostate, and blood pressure.

OFFICE OF PUBLIC RELATIONS

Reached confirmed audience of 69.4 million Americans through 715 local, state, and national media placements.

Promoted College of Nursing's statewide immunization carnivals in which admission to the many rides and games came in the form of free, on-site immunizations (immunizing more than 175 children and providing educational programs for 944 adults and children).

Presented public relations papers to the American Society for Health Care Marketing and Public Relations, the Association of American Medical Colleges, the Carolinas Health-care Public Relations and Marketing Society, and the College News Association of the Carolinas.

Received first-place awards from the Public Relations Society of America for crisis management, issues management, and media relations kit.

Created, promoted, and sponsored a national crisis management course for hospital public relations directors in Atlanta (pilot course attracted more than two dozen participants).

Conducted statewide public perception survey (showed 65.5 percent public awareness of MUSC, with 88.3 percent feeling very or somewhat positive about the institution).

Created a community relations program aimed at breast cancer issues for the Hollings Cancer Center.

Developed and promoted a series of meetings with community leaders from surrounding neighborhoods in effort to improve lines of communications and keep all involved better informed about each other.

Sponsored Charleston Clean Sweep program, with dozens of MUSC volunteer employees helping clean up downtown Charleston neighborhoods.

MUSC's Trident United Way campaign surpassed its goal of \$125,000 in raising more than \$131,000, an MUSC record.

VICE PRESIDENT FOR DEVELOPMENT/ HEALTH SCIENCES FOUNDATION

Health Sciences Foundation assets continued to grow with market value of investments at \$46.3 million, property value of \$7.2 million, and total assets of \$53.6 million (as of March 31, 1994).

Foundation expenditures for the benefit of the Medical University were \$3.9 million.

Office of Development

As of March 31, 1994, had successfully raised \$8.2 million in current gifts and new pledges for benefit of the University, surpassing annual goal of \$8 million.

As of March 31, 1994, had successfully raised \$4.8 million in planned gifts for benefit of the University, surpassing goal of \$4.1 million.

Established and conducted first meeting of the University's and the Health Sciences Foundation's Joint Development Committee.

Created and hosted first annual Estate Planning Institute to examine the most important and current issues in estate planning.

Successfully completed Storm Eye Institute's \$3 million Partnership-in-Service Campaign.

Successfully involved ophthalmology faculty in grateful patients solicitation program, which resulted in \$115,000 in new gifts and pledges.

More than 400,00 pounds of aluminum cans were recycled by the Aluminum Cans for Burned Children Program (ACBC), resulting in \$200,000 being deposited into the Burned Children's Fund.

The Children's Hospital Fund raised, for the first time, more than \$1 million in gifts and pledges.

Hosted the successful first annual Children's Hospital Celebrity Golf Classic at Kiawah Island.

Internal employee campaign raised approximately \$170,000 (exceeded projections by \$10,000).

Successfully completed \$150,000 fund drive for renovation of St. Luke's Chapel, culminated by Chapel rededication.

Successfully raised more than \$230,000 in gifts and pledges from alumni through student-operated phonathons.

Implemented senior class gift program in College of Medicine.

Established a parent giving council for the Colleges of Medicine and Dental Medicine.

Office of Alumni Affairs

Maintained an active alumni association of 5,900 members.

Administered and staffed more than 100 alumni and student events and meetings, including University-wide activities such as the annual Parents and Partners Day and Golden Grads events.

Instituted new continuing education program for College of Nursing graduates as part of the traditional alumni spring weekend format.

Sponsored wide range of alumni activities, including student alumni councils, scholarship awards, career seminars with alumni speakers and funding for student-organized events, to help promote institutional loyalty and help students make the transition from education to professional practice.

Published college-specific alumni publications to increase communication between the University and its graduates and foster greater alumni support.

Director of alumni affairs served as 1992-93 chair of the Association of American Medical Colleges' Group on Institutional Advancement (GIA); coordinated the organization's national meeting in November of 1993 and served as coordinator of the 1993-94 GIA Past Chairs' Advisory Group.

ENERGY CONSERVATION UPDATE

SCE&G Rebate Program

MUSC is actively pursuing monetary rebates from SCE&G for qualifiable energy conservation measures which we take during our normal activities and when considering new projects. Recent submittals for rebates include:

- Psych Hospital high efficiency chiller.
- Relamping and reballasting program for which \$61,821 in lamp and ballast procurement have been submitted for rebates.
- Replacement of old motors and other equipment with high efficiency and energy saving equipment which qualifies for the rebate program.

The relamping project for Harborview Office Tower is in progress with several other buildings and parking areas under consideration for light retrofitting.

The natural gas procurement at the wellhead program is being considered by the State Energy Office and State Procurement Division.

Energy conservation measures to turn off lighting in vacant areas, after hours, and the use of motion detectors to operate lights have been installed.

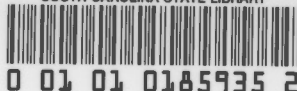
Energy conservation measures are to be an integral part of the design of new construction projects.

Water and Sewer

Separate water meters have been installed for grounds watering. This eliminates sewer charges on our monthly water bills.

We have completed the first phase of a project to recirculate chilled water to Radiology equipment instead of having a continuous discharge of domestic water to sewer.

The Children's Hospital vacuum pumps were converted from domestic water cooled systems to recirculating chilled water cooled systems, which resulted in a savings of water and sewage charges.



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